

CHEMISTRY (M.S.)

This is a professional degree for those planning to enter the chemical profession.

Admission Requirements

Admission to this program is contingent upon admission to the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/admission/>).

We do not admit students directly into our master of science program. Students wishing to pursue research-based careers should apply directly to our Ph.D. program (<https://clas.wayne.edu/chemistry/grad/phd/>) or the Master of Arts in Chemistry (<https://clas.wayne.edu/chemistry/grad/ma/>) (for cognate fields, such as medicine, education or business).

Program Requirements

This degree is offered only as a Plan A (thesis) master's program. (*Chemistry courses below the 6000 level may not be applied toward this degree.*)

Code	Title	Credits
CHM 8850	Frontiers in Chemistry	1
Select two to three credits in seminar:		2-3
CHM 8800	Seminar in Analytical Chemistry	
CHM 8810	Seminar in Organic Chemistry	
CHM 8820	Seminar in Inorganic Chemistry	
CHM 8830	Seminar in Physical Chemistry	
CHM 8840	Seminar in Biochemistry	
CHM 6740	Laboratory Safety	1
Select at least twelve credits in chemistry courses open to graduate chemistry students (excluding research, seminar, CHM 6740, and CHM 8850) of which at least nine credits must be at the 7000 level		12
Select six credits in chemistry and/or cognate courses		6
CHM 8999	Master's Thesis Research and Direction	8
M.S. students are required to complete an original research project, write a M.S. thesis and defend the thesis with a committee consisting of their research advisor and two other committee members from the Department of Chemistry		
Total Credits		30-31

Academic Scholarship: All course work must be completed in accordance with the regulations of the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/academic-regulations/>) and the College of Liberal Arts and Sciences (<http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/academic-regulations/>).

Candidacy must be established by the time twelve credits have been earned. The applicant must file a copy of the Plan of Work with the Graduate Officer.